



Application No.: 09/858,382

Please replace the paragraph [0022] on page 6 with the following rewritten paragraph:

A2 [0022] With reference to FIGURES 2A - D, in accordance with aspects of the present invention, an exemplary table or matrix including all the Walsh codes used by the Walsh code allocator 20 is shown. Optionally, the table is a look up table (LUT) accessed by the allocator 20. Six Walsh code sizes are used, namely,  $W^4$ ,  $W^8$ ,  $W^{16}$ ,  $W^{32}$ ,  $W^{64}$  and  $W^{128}$ . The various sizes correspond to the table columns. Within each size there are a number of orthogonal Walsh codes, the number being equal to the size. That is,  $W^4$  includes 4 Walsh codes which are mutually orthogonal to one another and each has a bit length of 4, they are individually referenced by  $k = 0, 1, 2$  and  $3$ ;  $W^8$  includes 8 Walsh codes which are mutually orthogonal to one another and each has a bit length of 8, they are individually referenced by  $k = 0, 1, 2, 4, 5, 6$  and  $7$ ; and so on for each size.

#### Remarks

Applicants respectfully request that the foregoing amendments be entered prior to substantive examination of the application. These changes are submitted to place the application in better form for examination.

Respectfully submitted,

FAY, SHARPE, FAGAN,  
MINNICH & McKEE, LLP

  
John P. Cornely  
Reg. No. 41,687  
1100 Superior Avenue  
Seventh Floor  
Cleveland, Ohio 44114-2518  
(216) 861-5582

RECEIVED  
OCT 01 2001  
Technology Center 2600

Attachment(s): Version with Markings to Show Changes Made